

FIG. 2

UNIT #	INPUT #	ASSOCIATED VARIABLES			
1	1	LAST VALUE	SEMA- PHORE	TIMER	TASK #
1	2	LAST VALUE	SEMA- PHORE	TIMER	TASK #
⋮					
2	10	LAST VALUE	SEMA- PHORE	TIMER	TASK #

FIG. 3

UNIT #	INPUT #	TYPE OF CHANGE	ACTION TO BE TAKEN
3	1	RECEIVE SERIAL STRING	BROADCAST PACKET (network #, message)
3	2	X % CHANGE IN ANALOG VALUE	DIRECTED PACKET (node, message)
3	3	X INCREASE IN DIGITAL VALUE	SET SEMAPHORE (int. variable, value)
⋮			
4	10	BIT INPUT CHANGE	DIRECTED PACKET (node, message)

FIG. 5

UNIT #	INT. VAR. INPUT #	TYPE OF CHANGE	UNIT #	OUT-PUT #	VALUE	UNIT #	ANY INPUT #	VAR. ACTION
1	17	Time_st= hhmm	2	4	256			
1	18	Count ≤ 0	3	2	0	2	5	SEMA- PHONE CLEAR
1	19	BIT=1	2	12	1			
• • •								
3	20	BIT=0	1	15	256	1	15	SET TO 30 SEC TIMER

FIG. 6

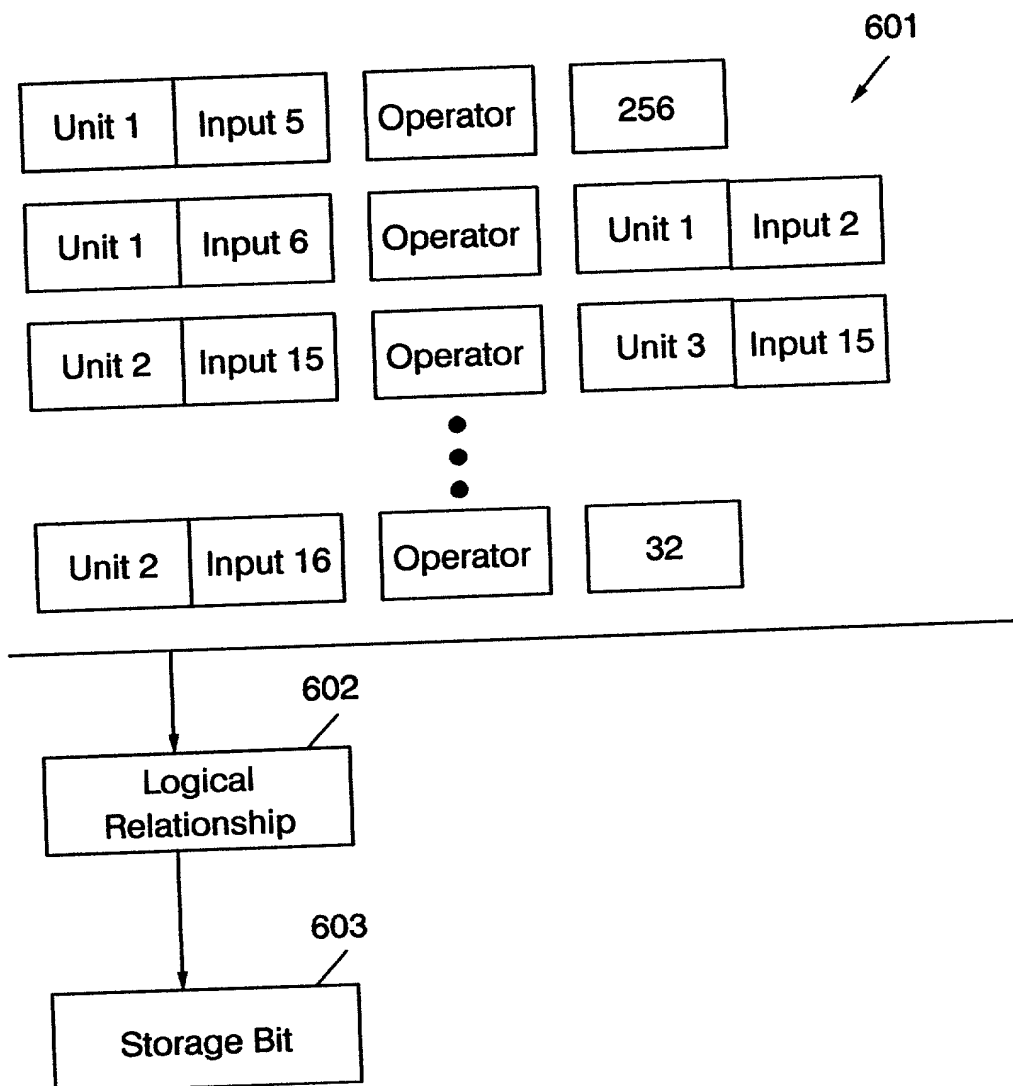


FIG. 8

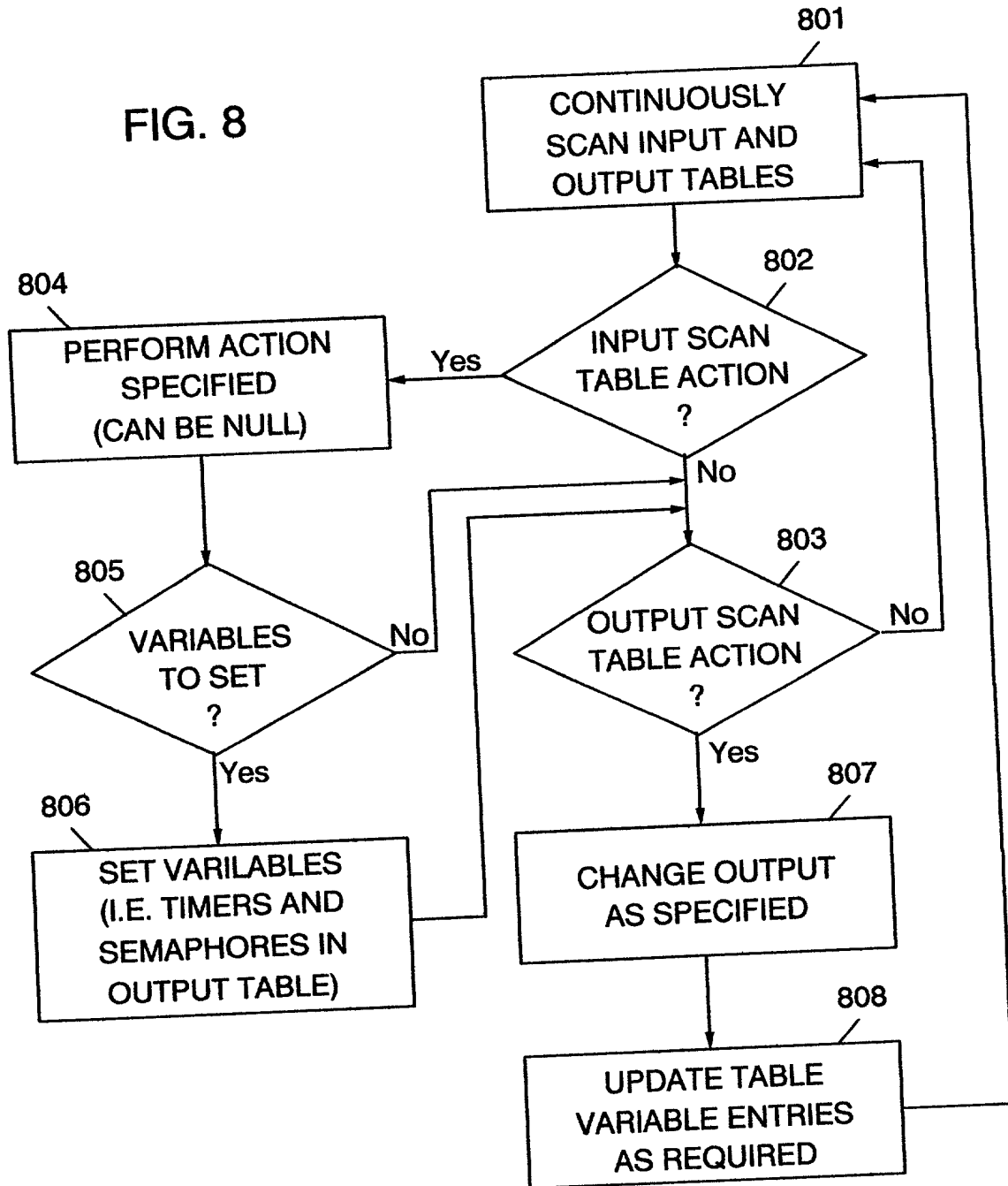


FIG. 9

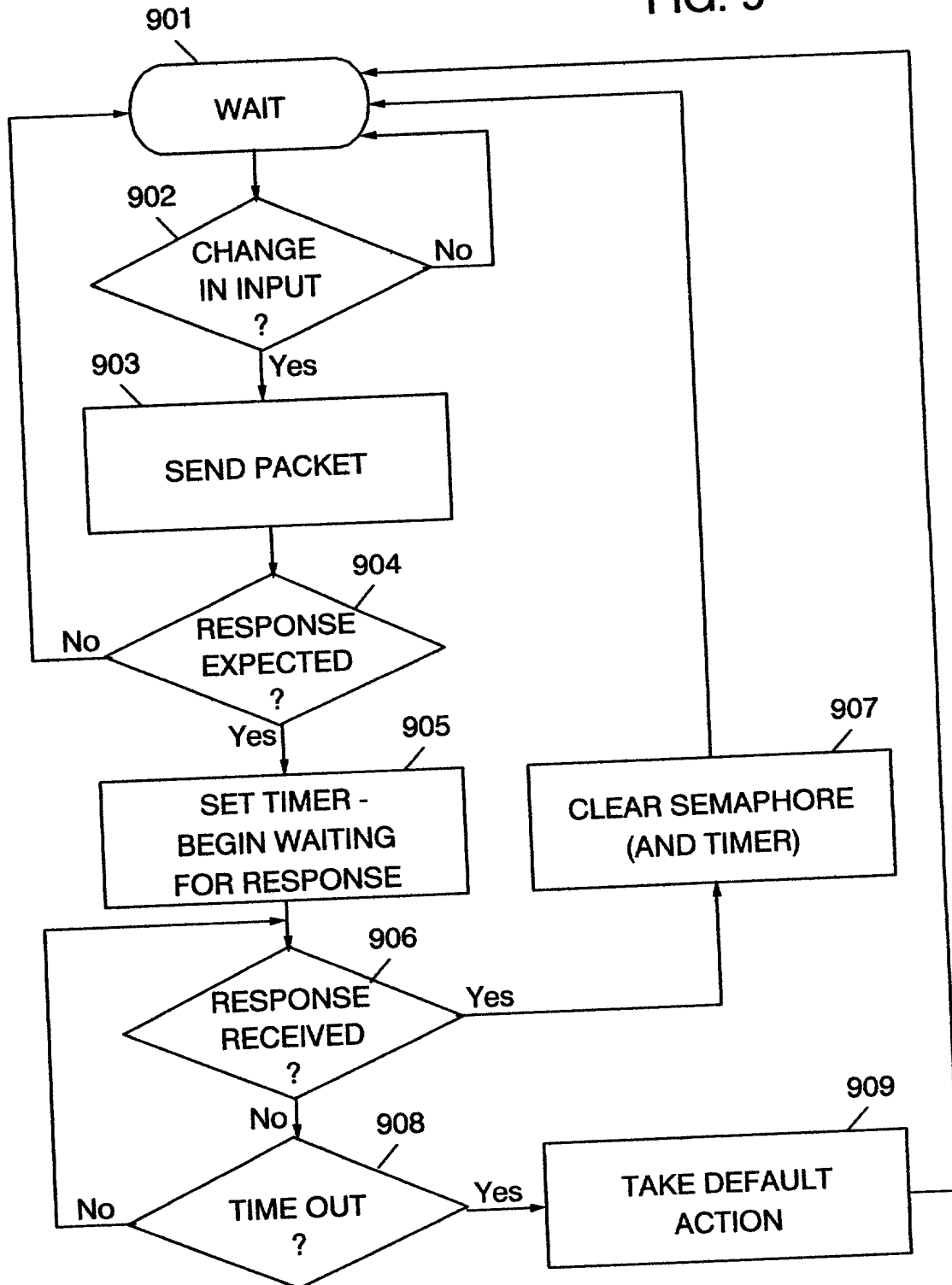


FIG. 10

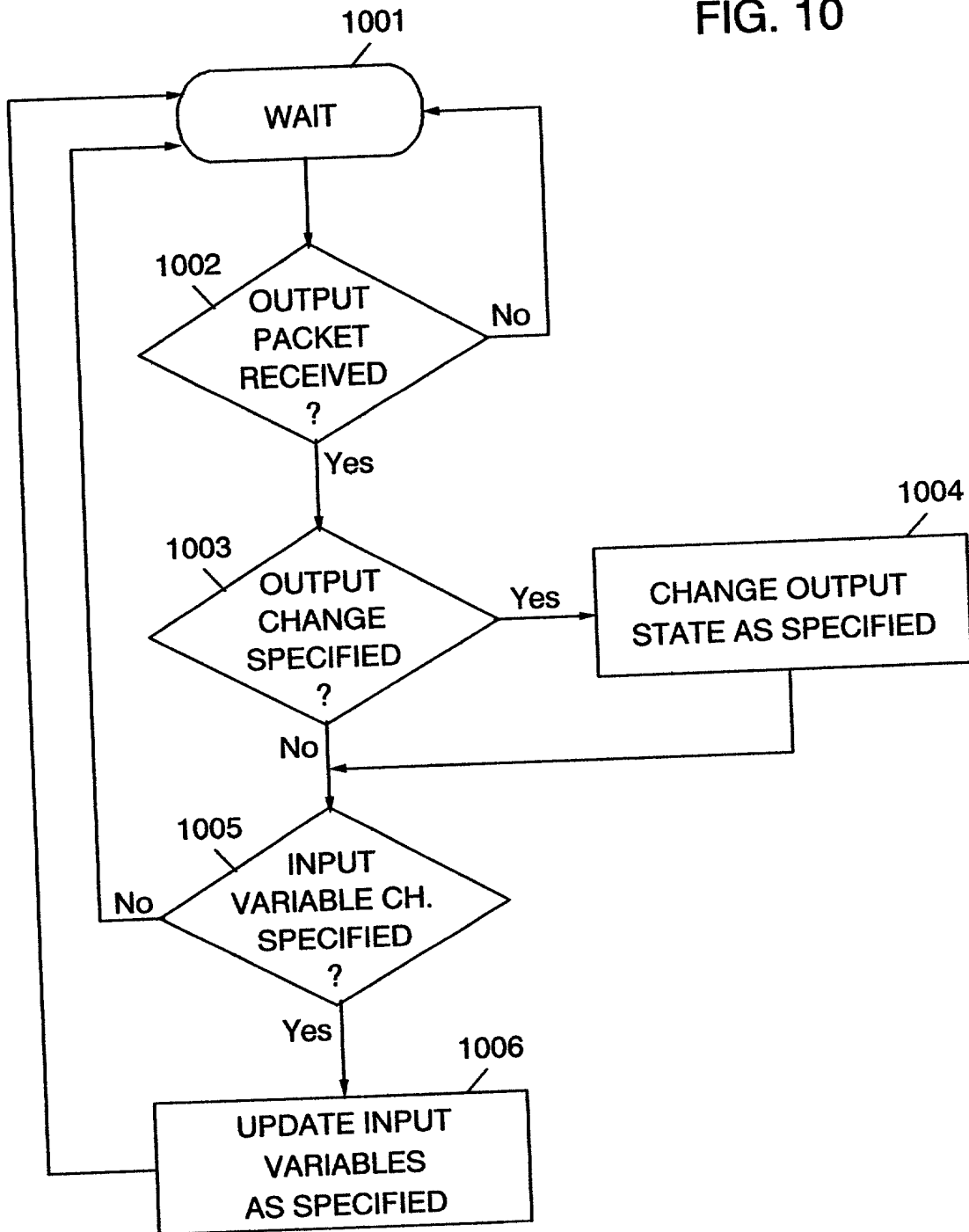


FIG. 11

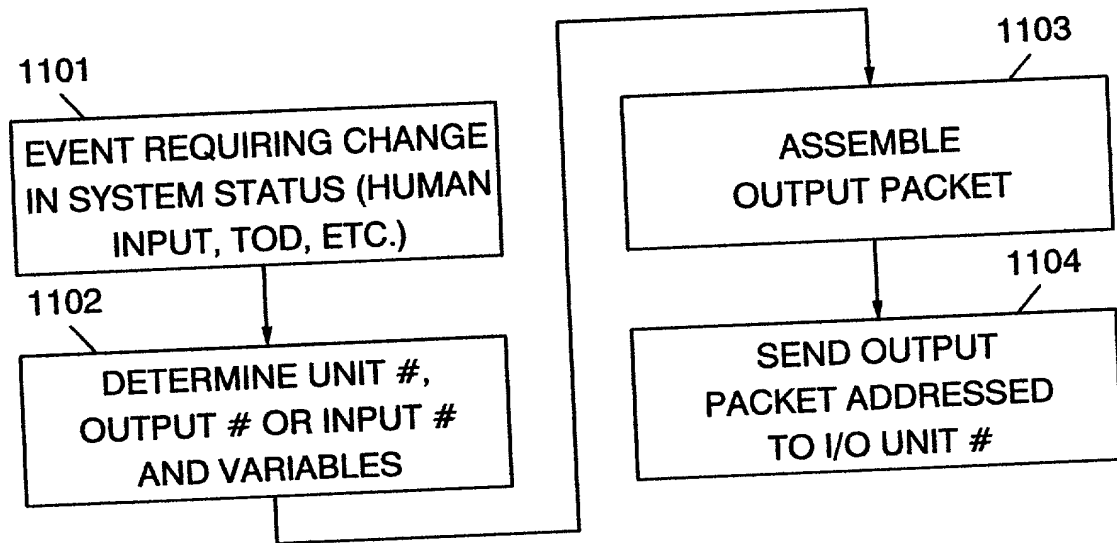


FIG. 13

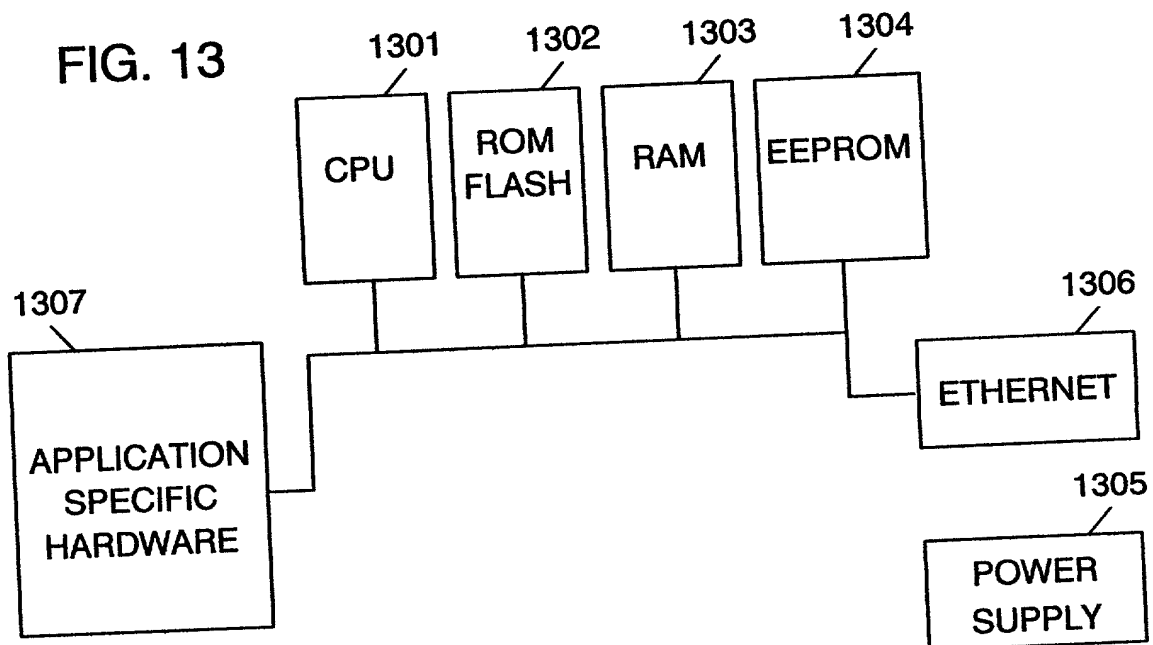


FIG. 12

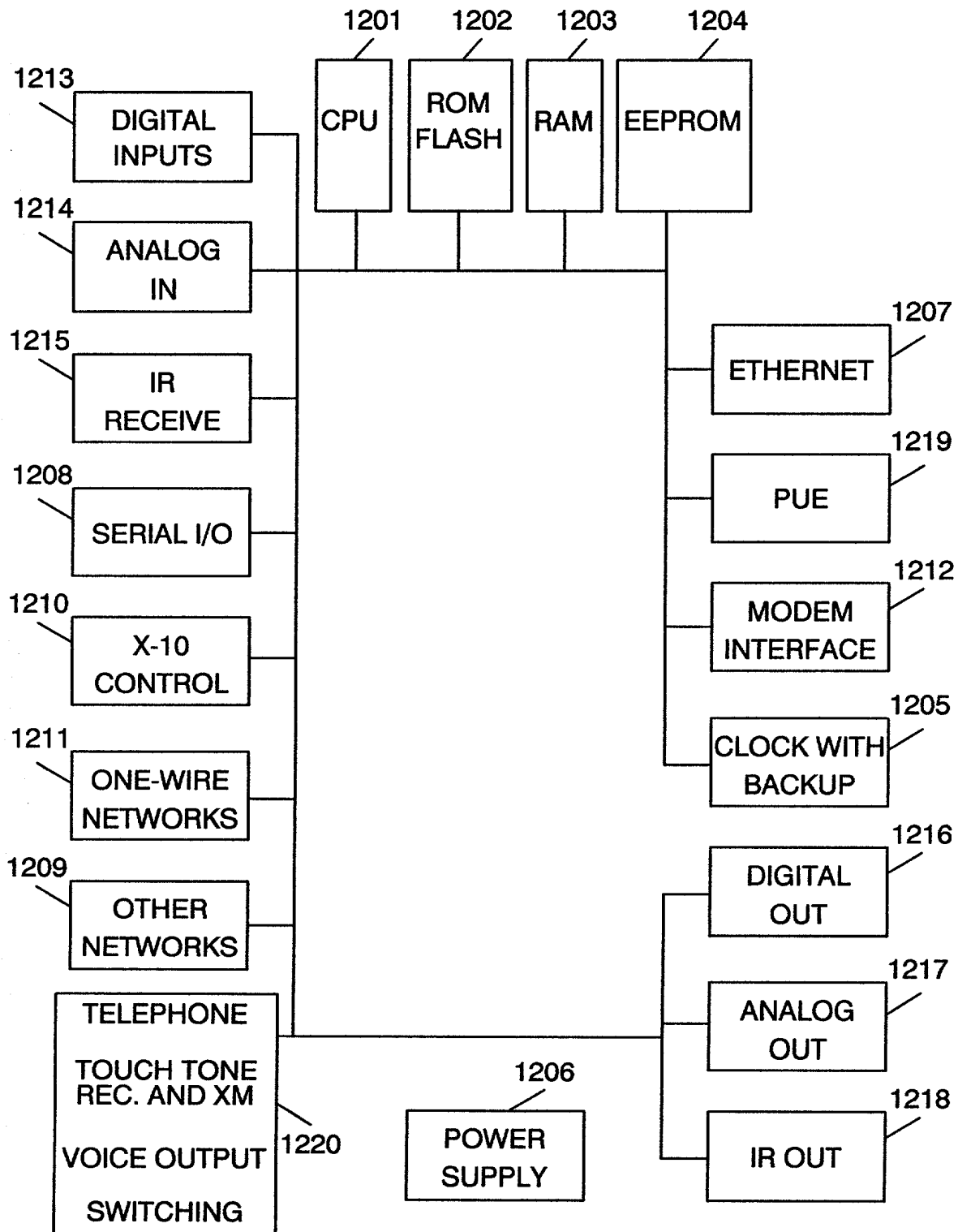


FIG. 14

